

CLAIMS:

What is claimed is:

1. A method for calculating a metric, said method
5 comprising:

calculating the metric for a first set of one or
more levels, wherein the metric is associated with a
plurality of measures;

- calculating a portion of the plurality of
10 measures for a second set of one or more levels, wherein a
particular one of the second set of levels is a different
level of a dimension than a particular one of the first set
of levels, thereby resulting in recalculated measures; and
adding a second portion of the plurality of
15 measures along the dimension, thereby resulting in added
measures.

2. The method of claim 1, further comprising:
receiving a request to calculate the metric for
20 the second set of one or more levels.

3. The method of claim 1, further comprising:

determining whether each of the plurality of measures are additive measures or non-additive measures.

4. The method of claim 3, wherein the first portion
5 comprises the non-additive measures and wherein the second portion comprises the additive measures.

5. The method of claim 1, further comprising:
calculating the metric with the recalculated
10 measures and the added measures.

6. A computer readable medium for calculating a metric, said computer readable medium comprising a plurality of executable instructions, said executable
15 instructions for:

calculating the metric for a first set of one or more levels, wherein the metric is associated with a plurality of measures;

calculating a portion of the plurality of
20 measures for a second set of one or more levels, wherein a particular one of the second set of levels is a different level of a dimension than a particular one of the first set of levels, thereby resulting in recalculated measures; and

adding a second portion of the plurality of measures along the dimension, thereby resulting in added measures.

5 7. The computer readable medium of claim 6, further comprising instructions for:

receiving a request to calculate the metric for the second set of one or more levels.

10 8. The computer readable medium of claim 6, further comprising instructions for:

determining whether each of the plurality of measures are additive measures or non-additive measures.

15 9. The computer readable medium of claim 8, wherein the first portion comprises the non-additive measures and wherein the second portion comprises the additive measures.

20 10. The computer readable medium of claim 6, further comprising instructions for:

calculating the metric with the recalculated measures and the added measures.